

Frontiers in Science talk explores ‘The Mystery of Detonation’

March 8, 2017



LOS ALAMOS, N.M., March 8, 2017—David Moore, a Los Alamos National Laboratory Fellow and scientist in the Shock and Detonation Physics group, will discuss the science behind detonation and explosions during three Frontiers in Science lectures titled “The Mystery of Detonation” beginning March 14 in Santa Fe.

“The speed and destructiveness of explosive events, and the accompanying opaque layers of products and intermediates, make the experiments intended to observe and unravel the details of detonation chemistry in real time extremely difficult,” Moore said.

Despite the 150 years since the invention of dynamite, a lot of the science leading up to detonations and explosions remains a mystery. In his talk, Moore will examine various types of explosions, what is needed for detonation to occur and current detonation experiments and models.

All Frontiers in Science presentations begin at 7 p.m. and are free of charge. The talks are:

- Tuesday, March 14 at the James A. Little Theater at the New Mexico School for the Deaf, 1060 Cerrillos Road, Santa Fe
- Wednesday, March 15 at the New Mexico Museum of Natural History and Science, 1801 Mountain Road NW, Albuquerque
- Friday, March 17 at the Los Alamos High School Smith Auditorium, 1300 Diamond Dr., Los Alamos

Sponsored by the Fellows of Los Alamos National Laboratory, the Frontiers in Science lecture series is intended to increase local public awareness of the diversity of science and engineering research at the Laboratory.

For more information, call (505) 665-9196 or email Linda Anderman at anderman@lanl.gov.

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